

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 030523/0141

In re patent application of:

Henryk LUBON, *et al.*

Serial No. 08/982,284

Filed: December 21, 1997



Group Art Unit:1632

Examiner: K. Hauda

For: Methods For The Degradation And Detoxification Of Organic Material Using Urine
Produced By Transgenic Animals And Related Transgenic Animals And Proteins

SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents know to Applicants in order to comply with Applicants' duty to disclosure pursuant to 37 C.F.R. § 1.56.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie prior art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 C.F.R. §1.97(b), before the mailing of the first Office Action on the merits.

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CONCISE EXPLANATION OF
RELEVANCE OF EACH DOCUMENT

Any document listed on the attached PTO-1449 was cited as being relevant during the prosecution of the corresponding PCT application. A copy of the Communication Relating to the Results of the Partial International Search is attached setting forth the portion of each document considered relevant by the examiner. English-language counterparts of foreign-language documents have been provided where readily available. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP §603).

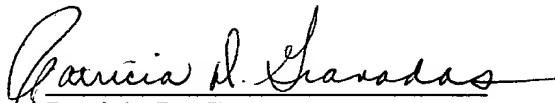
Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialized copy of Form PTO-1449 be returned in accordance with M.P.E.P. § 609.

CERTIFICATION

The undersigned hereby certifies in accordance with 37 CFR §1.97(e)(1) that each item of information contained in this Information Disclosure Statement was cited in communication from foreign patent office in counterpart foreign application not more than three (3) months prior to filing this Statement.

Respectfully submitted,

June 11, 1999
Date


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Part of
Paper #12

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:

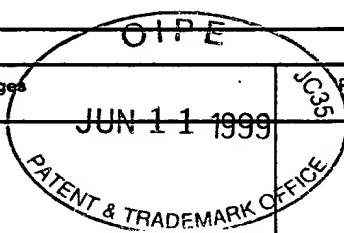
1-24, 32-44
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.

3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.

4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95 22249 A (AMERICAN NAT RED CROSS ; VIRGINIA TECH INTELL PROP; UNIV N CAROLINA) 24 August 1995 see page 5, line 8 - line 15; claim 26 ---	1-15, 42
A	FR 2 717 500 A (INSTITUT PASTEUR ; INST NAT SANTE RECH MED) 22 September 1995 see page 6 - page 7, paragraph 3 ---	1-15, 42-44
A	WO 96 39494 A (UNIV NEW YORK ; SUN TUNG TIEN (US)) 12 December 1996 see examples 1, 2 ---	1-15
P, X	Velander W. "Methods for the degradation and detoxification of organic material using urine produced by transgenic animals and related transgenic animals and proteins. 29 July 1997. Virginia Tech Intellectual Properties, Inc. Disclosure No.: 98-011. Available from Internet via http://www.vtip.org XP002099574 see the whole document -----	1-24, 32-44


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Further documents are listed in the continuation of box C.

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Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family